DOCUMENT I INHIBITION OF HIV AND HOV TRANSCRIPTION BY METHYLATED NOGA

WORK WAS ACCOMPLISHED
IN THE FIRST G MONTHS
OF 1996 IN ROOM 249
LEVI BUILDING, TOHNS
HODKINS UNIVERSITY,
INVENTORS LAB.

nuang 3itmap Display Range: 0-63 counts, li **∦T1** Lanes dentification to the design of the state of 3ackground Subtraction: regions L1L2L3L4L5L6L7L8L9.1L1L1111L14 T1 Gross ID Dist Type Counts (mm) Bkgd subtr =12.62/sqmm Lane #1 757 42.5 Bkgd 3,631 53.0 Unkn Bkgd subtr =19.38/sqmm Lane #2 42.5 Bkgd 1,163 53.0 Unkn 3,464 Lane #3 Bkgd subtr =16.07/sqmm 42.5 Bkgd 964 2 1 53.0 Unkn 2,832 Lane #4 Bkgd subtr =12.20/sqmm 42.5 Bkgd 732 2 1 53.0 Unkn 1,936 Lane #5 Bkgd subtr =6.13/sqmm 2 42.5 Bkgd 368 267 1 53.0 Unkn 635 368 Lane #6 Bkgd subtr =17.23/sqmm 2 42.0 Bkgd 1,034 2,541 //0 2000 1 53.0 Unkn 3,575 1,034 Lane #7 Bkgd subtr =11.30/sqmm 2 42.5 Bkgd 678 1,086 1 53.0 Unkn 1,764 678 Lane #8 Bkgd subtr =8.08/sqmm 2 42.5 Bkgd 485 336 1 53.0 Unkn 821 485 Lane #9 Bkgd subtr =16.23/sqmm 2 42.5 Bkgd 974 1 53.0 Unkn 3,012 974 2,038 Lane #10 Bkgd subtr =10.90/sqmm 2 42.5 Bkgd 654 1,026 654 1 53.0 Unkn 1,680 Lane #11 Bkgd subtr =8.38/sqmm 2 42.5 Bkgd 503

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1 52.5 Unkn 1,241

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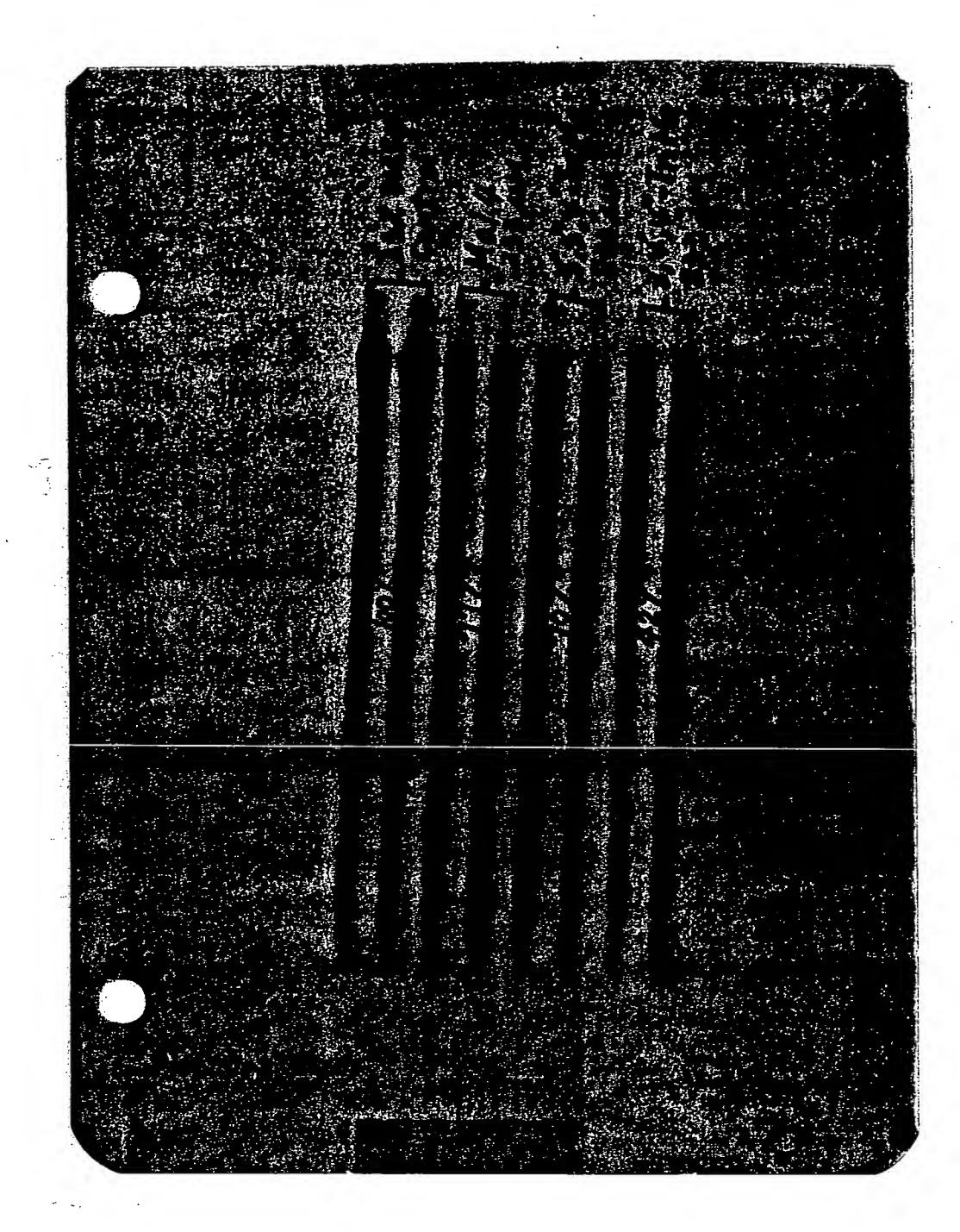
738

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503	654	974	485	678	1,034	368	732	964	1,163	757	Bkgd Subtr
738	1,026	2,038	336	1,086	2,541	267	1,204	1,868	2,301	2,874	Net Total
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Lane	#12	Bkgd	subtr	=15.18/sqmm				
2	<i>A</i> 2.5	Bkgd		911			ب د ي.	
1	52.5	Unkn		3,114	911	2,203		<u>`</u>
Lane	#13	Bkgd	subtr	=11.92/sqmm				A
2	42.5	Bkgd		715				
1	52.5	Unkn		2,438	715	1,723		; ;
Lane	#14	Bkgd	subtr	=6.07/sqmm				;
2	42.5	Bkgd		364				
1	52.0	Unkn		930	364	566	200	

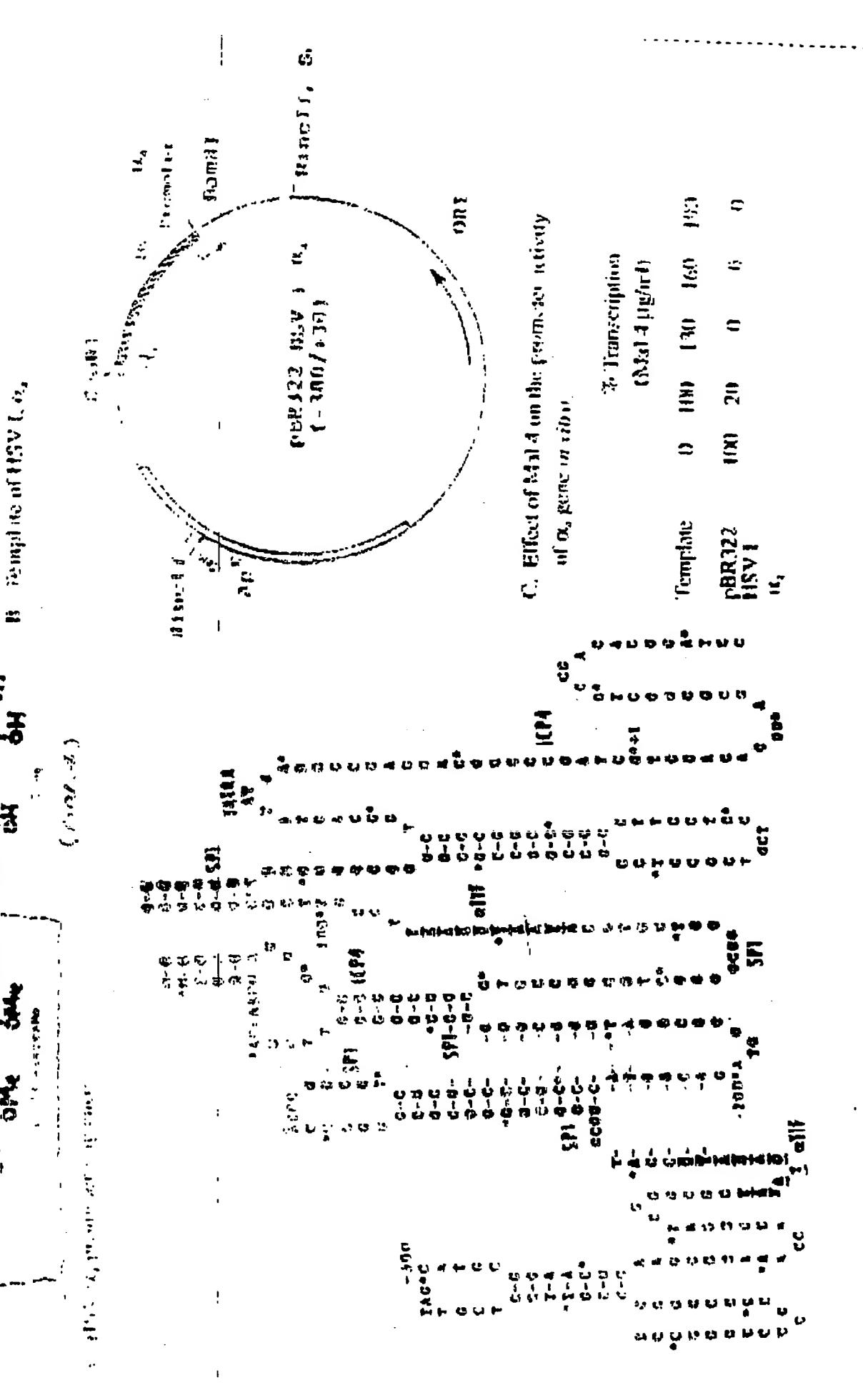


2-29-96 Test af HSV- pBR 322 \D 380 templete inhibition by Mal 4 Will use 300 vansques tenfelte en 12.8 2 Will do Marley et 60% conz. at 160,190 and 220 by Inl Mal 4.

1. 0MS5 control. 47 2. Mil 4 160

Dissabel DNA in 9.6 d Has. Ald. 4 d Mul 4 dilntims and in on bete 15 min of 30°. For 60% Mauly need 4.5 d extract + 3 d buffer.

1 main 50/ entroit. Loud 12 Ex. H the 160,150,220 Md4.



Mackelli, S. & Roperto, B.

DOCUMENT I

A. DESIGN AND INSTRUCTION

FROM DR. RUCHIH C. HUAWG,

INVENTOR, TO DR. H. S. CHEN

FOR CARRYING OUT EXPERIMENTS

USING TETRAHETHYL NOGA

TO INHIBIT HOU IN VERO CELLS

AND TOXICITY STUDIES OF THE

DRUG IN MICE

LETTER DATED IN MAY 21 AND WAY 24, 1996

B. RESULTS RECEIVED BY DR. HUANG 6/25/96

JOHNS HOPKINS

Department of Biology

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> DR. CHEN HONGSHAM 2mg, NDGA 50MDM30. IPO03-73 Fax 816.746-6618

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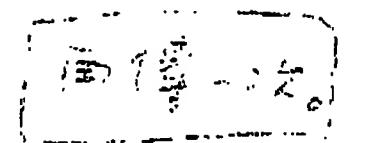
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JOHNS HOPKINS

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Department of Biology

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DR. CHEN HONES 14400 Fax 516-74-6-665

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NOGA

SO FED EXPLOSES TO PATOR WE THE 心的这样 四分的心理 经 一种病 约如为也 直接 INGTRITION OF HOU-1 第5年高春 6 Ad 10 60 4 20 3 OBSE: Dugison isomunication 的白一二次,共产党营 三至的本方式不为是工作工作与认为下。 型者生性为了一个人们是不是一个 已流走,又如何五色有效要高的篮头 TETRA MEDICAL MORN & FUNDAM TOP (ショ)主では4からとかとかというはら一年まにきる。 1450-1 PREPERENT TARINGS OF 19 19 张红文学师不言意志 国主军 (是不见到了这个意思) 在自己的 是 50 是不是一个

19966对给考閱发室

C-4N DOC

Table 1. Cytotoxicity and inhibition of HSV-1 CPE by 4N in vero cell cultures

1996, 6-20-25

	Conc.	Cytotoxicity(QD570)	inhibition of cell	TCS0	HSV-1 CPE (OD570)	Infabition of	1C50
Apace	ng/ml	X ± SD	growth %	ug/mi	X± SD	HSV-1CFE %	ns/m]
4-N	1000.00	0.03, 0.03, 0.03, 0.02	97.05	83	0.04, 0.05, 0.00, 0.00		<0.98
		0.03 ± 0.01	·		0.02± 0.03	_	-0.50
	500.00	0.03, 0.04, 0.05, 0.04	96.08		0.05, 0.11, 0.07, 0.04		
		0.04± 0.01			0.07± 0.03		
	250.00	0.30, 0.30, 0.30, 0.30	70.59		0.30, 0.26, 0.22, 0.28	-	
		0.3± 0			0.27± 0.03	_	
	125.00	0.34, 0.38, 036, 0.39	63.73		0.57, 0.45, 0.62, 0.60	31.5	
	-	0.37± 0.02		•	0.56± 0.08	3	
•	62.50	0.45, 0.46, 0.45, 0.45	55.88		0.52, 0.49, 0.68, 0.66	34.8	
		. 0.45± 0.01		i	0.59± 0.10	5-10	_
	31.30	0.81, 0.80, 0.86, 0.85	18.63		0.90, 0.84, 0.79, 0.87	· 64	<u> </u>
	ļ	0.83± 0.03		•	0.85± 0.05	-	
	15.60	1.08, 1.02, 1.00, 0.98	0		0.72, 0.92, 0.68, 0.92	59.6	<u> </u>
		1.02± 0.04		_	0.81± 0.13	35.0	
	7.80	1.25, 1.04, 1.00, 1.11	-0.08		0.74, 0.79, 0.96, 1.03	67.4	
		1.10± 0.11		. {	0.88± 0.14	07.4	
	3.90	1.10, 1.08, 1.06, 1.08	-0.06		0.79, 1.07, 0.83, 0.76	65.2	
		1.08± 0.02			0.86± 0.14	05.2	•
	1.95	1.10, 1.20, 1.22, 1.00	·-0.08		0.78, 0.85, 0.81, 0.76	58.4	
		1.10± 0.1			0.80± 0.04	34.4	
	0,98	1.30, 1.25, 1.15, 1.15	-0.18		0.83, 0.73, 0.80, 0.83	58.4	
		1.20± 0.08			0.80± 0.05	30.4	
•	CC	1.02, 1.03, 1.00, 1.04			1.13, 1.22, 1.18, 1.15		
-		1.02± 0.02	· ·		1.17± 0.04	ł	į
	VC			-	0.24, 0,29, 0.31, 0.26		
	XT 2D			j	0.28± 0.03		

Table 2. Inhibition of HSV-1 CPE by ACV on vero cell

		1996, 6, 20-2		
Age	conc.	HSV-1 CPE(OD570)	Inhibition %	IC50
	tup/ml			ug/ml
ACV	1000	0.70,0.53,0.57,0.62	37	<0.98
	X± SD	0.61± 0.07	-	~0,50
	500	0.63,0.38,0.62,0.49	28.1	···
	X± SD	0_53± 0.12		
	250	0.50,0.49,0.64,0.87	39.3	
	X± SD	0.63+ 0.18	س حرد	
	125	0.41,0.43,0.53,0.66	25.8	
	X+ SD	0.51± 0.11	ا هده	
	62.5	0.73,0.72,0.73,0.76	51.7	
	X+ SD	0.74± 0.02	31.7	
	31.3	0.93,0.90,0.86,0.93	70.8	
-	X± SD	0.91± 0.03	70.0	- 1
	15.6	1.00,0.99,0.98,1.02	80,9	
	X± SD	1.00± 0.02	50.5	
	7.8	1.09,1.11,1.16,1.10	94.4	
	X± SD	1.12± 0.03	7.4	
j	3.9	1.13,1.07,1.10,1.09	92.1	
	X± SD	1.10± 0.03	32.1	
- 1	1.95	1.14,1.12,1.17,1.11	96.6	
	X± SD	1.14± 0.03	90.0	- 1
1	0.98	0.76,0.80,0.82,0.92	61.8	
	X± SD	0.83± 0.07	01.8	
	cc	1.13,1.22,1.18,1.15		
	X± SD	1.17± 0.04		
1	VC	0.24,0.29,0.31,0.26		
	X± SD	0.28± 0.03		

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	3/)	0.8/0.80 0.86 0.85 18.63	1+248 94 9490
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